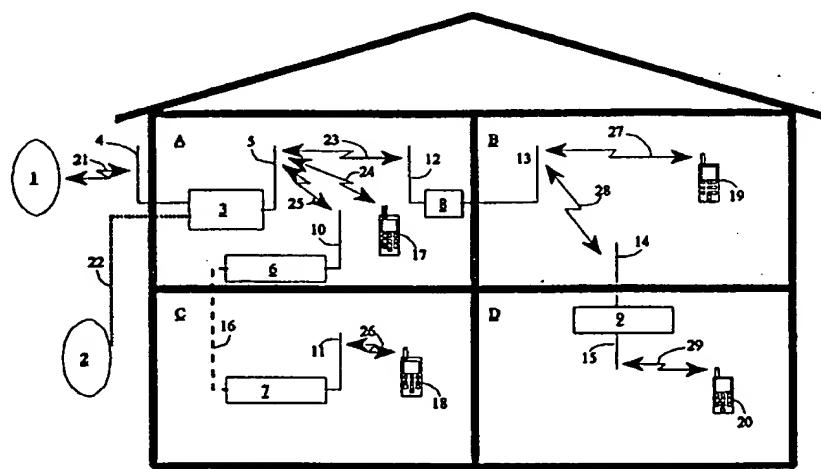


(51) Internationale Patentklassifikation ⁷ : H04Q 7/36		A1	(11) Internationale Veröffentlichungsnummer: WO 00/19754
			(43) Internationales Veröffentlichungsdatum: 6. April 2000 (06.04.00)
(21) Internationales Aktenzeichen: PCT/DE99/03045		(74) Gemeinsamer Vertreter: SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, D-80506 München (DE).	
(22) Internationales Anmeldedatum: 23. September 1999 (23.09.99)		(81) Bestimmungsstaaten: AU, BR, CA, CN, IN, JP, KR, US, europäisches Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(30) Prioritätsdaten: 198 44 099.5 25. September 1998 (25.09.98) DE		Veröffentlicht <i>Mit internationalem Recherchenbericht. Vor Ablauf der für Änderungen der Ansprüche zugelassenen Frist; Veröffentlichung wird wiederholt falls Änderungen eintreffen.</i>	
(71) Anmelder (für alle Bestimmungsstaaten ausser US): SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).			
(72) Erfinder; und			
(75) Erfinder/Anmelder (nur für US): BOLINTH, Edgar [DE/DE]; Rheindahler Strasse 88, D-41189 Mönchengladbach (DE). SCHWARK, Uwe [DE/DE]; Freiheitstrasse 6, D-46399 Bocholt (DE). KAMPERSCHROER, Erich [DE/DE]; Am Königsbach 27, D-46499 Hamminkeln (DE). ARETZ, Kurt [DE/DE]; Märkische Strasse 36, D-46419 Isselburg (DE). KREUL, Theo [DE/DE]; Meke-Van-Heiden-Strasse 9, D-46325 Borken (DE). NASSHAN, Markus [DE/DE]; Gartenweg 27, D-46395 Bocholt (DE). FRANZEN, Michael [DE/DE]; Elbestrasse 33, D-46395 Bocholt (DE). JARBOT, Lutz [DE/DE]; Im Amseltal 45, D-46395 Bocholt (DE).			

(54) Title: **IN-HOUSE SUBSYSTEM IN A MOBILE RADIO TELEPHONE NETWORK**

(54) Bezeichnung: **HAUSINTERNES SUBSYSTEM IN EINEM MOBILFUNKNETZ**



(57) Abstract

The invention relates to an in-house subsystem in a mobile radio telephone network (1) comprising a stationary home base station (3), at least one intermediate station (6; 7; 8; 9) and at least one mobile station (17; 18; 19; 20). The invention also relates to a method for communicating in this subsystem, whereby all elements (3; 6; 7; 8; 9) of the subsystem comprise means. Said means independently organize the distribution of system resources between the home base station, the at least one intermediate station (6; 7; 8; 9) and the at least one mobile station (17; 18; 19; 20).

Abstract

In-house subsystem in a mobile radio network

The invention relates to an in-house subsystem in a mobile radio network (1) having a fixed home base station (3), at least one repeater station (6; 7; 8; 9) and at least one mobile station (17; 18; 19; 20), and to a method for communication in this subsystem, where all the elements (3; 6; 7; 8; 9) of the subsystem have means which automatically organize the splitting of the system resources between the home base station, the at least one repeater station (6; 7; 8; 9) and the at least one mobile station (17; 18; 19; 20).

Figure 1